

**For each statement, circle the DEPENDENT variable and underline the INDEPENDENT variable.**

the mark earned in math class depends on the number of hours spent studying

the value of a car depends on the age of the car

the amount of snow on the ground depends on the temperature outside

the amount of money earned depends on the number of hours worked

**Summary:** In the following chart, compare dependent and independent variables.

**Dependent Variable**

**Independent Variable**

# Direct and Partial Variation

## Direct Variation

**Direct variation** occurs when the dependent variable starts at a value of 0.

### Examples

Graph:

Table:

Equation:

## Partial Variation

**Partial variation** occurs when the dependent variable starts at a value other than 0.

### Examples

Graph:

Table:

Equation: